

CLAIMS

1. Process for manufacturing hollow plastic bodies from an extruded parison of closed cross section, characterized in that at least one cut is made in the parison which is then formed by moulding.

2. Process according to the preceding claim, characterized in that the moulding operation comprises a blowing operation and a welding operation.

3. Process according to either of the preceding claims, characterized in that it is used in an integrated manufacturing line comprising the extrusion of the parison and its forming by moulding.

4. Process according to any one of the preceding claims, characterized in that the parison is cut longitudinally in the direction of its flow.

5. Process according to the preceding claim, characterized in that the parison is cut twice over its entire length, along two separate lines, so as to produce two separate sheets.

6. Process according to any one of the preceding claims, characterized in that the two parts of the cut parison are held apart at a sufficient distance from each other so that it is possible to insert between them, before moulding, an object intended to be incorporated inside the hollow body.

7. Process according to Claim 5 or 6, characterized in that the sheets obtained by cutting the parison are guided by means of a guiding device.

8. Process according to any one of Claims 5 to 7, characterized in that at least one accessory intended to be incorporated into the hollow body is inserted between the sheets.

9. Process according to any one of Claims 5 to 8, characterized in that a preassembled structure, which comprises at least one device for anchoring this structure to the internal wall of the hollow body, is inserted between the sheets.

10. Process according to any one of Claims 6 to 9, characterized in that supports in the form of films, sheets or plates made of polyolefin are used, these being attached to the object or the structure at points such that it is possible to support and move the object or the structure while holding it, by pulling, between grippers.

11. Process according to any one of the preceding claims, characterized in that the hollow body is a fuel tank.